

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**

Applicant(s): ALI SHAKOURI ET AL.

Docket No.

UC01-161-2

Serial No.

10/039,290

Filing Date

January 4, 2002

Examiner

Group Art Unit

2877

Invention: SUPRA-MICRON THERMAL IMAGING METHOD AND ENHANCED RESOLUTION (SUPER-RESOLVED)  
OAC-COUPLED IMAGING FOR THERMAL INSPECTION OF INTEGRATED CIRCUITS

MAR 19 2002

PATENT &amp; TRADEMARK OFFICE

I hereby certify that the following correspondence:

Submission of Missing Parts of Application (Page 1 thru 3)

(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under  
37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on

March 19, 2002

(Date)

Jerry V. King

(Typed or Printed Name of Person Mailing Correspondence)

  
(Signature of Person Mailing Correspondence)EL694788550US

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**PATENT**

Docket No.: UC01-161-2

**THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: ALI SHAKOURI; PEYMAN MILANFAR; KENNETH PEDROTTI; JAMES CHRISTOFFERSON  
Serial No.: 10/039,290  
Filed: JANUARY 4, 2002  
For: SUBMICRON THERMAL IMAGING METHOD AND ENHANCED RESOLUTION (SUPER-RESOLVED) AC-COUPLED IMAGING FOR THERMAL INSPECTION OF INTEGRATED CIRCUITS  
Group: 2877  
Examiner:

**BOX MISSING PARTS**  
**Assistant Commissioner for Patents**  
**Washington, D.C. 20231**

**SUBMISSION OF MISSING PARTS OF APPLICATION**  
**UNDER 37 C.F.R. § 1.53**

Dear Sir:

In response to the Notice to File Missing Parts of Application (PTO-1533) mailed February 20, 2002, a copy of which is enclosed, please find the following documents which are incorporated by reference herein:

1. Combined Declaration and Power of Attorney;
2. Power of Attorney by Assignee and Exclusion of Inventor(s) Under 37 C.F.R. 3.71;
3. Assignee Certification Under 37 C.F.R. 3.73(b);
4. PTO Form 1449;
5. Copies of Citations Listed on PTO Form 1449;
6. Check in the amount of \$1,265 (\$1,200 filing fees and \$65 surcharge for the fees due as a small entity);
7. Assignment Cover Letter;
8. Assignment;
9. Check in the amount of \$40 (assignment recording fee).

The amount due for the filing fees and surcharge has been computed as follows:

CLAIMS AS FILED									
	Number filed			Number Extra			Rate		Basic Fee \$ 740.00
Total									
Claims 37 CFR 1.16(c)	64	- 20	=	44	X		\$18.00	=	792.00
Independent									
Claims (37 CFR 1.16(b))	10	- 3	=	7	X		\$84.00	=	588.00
Multiple dependent claim(s), if any (37 CFR 1.16(d))					+		\$280.00	=	280.00

Filing Fee Calculation \$ 2,400.00

Surcharge \$ 130.00

**TOTAL FILING FEE \$ 2,530.00**

**Small Entity Statement(s)**

X Applicant qualifies as a small entity under 37 CFR 1.9 and 1.27.

Filing Fee Calculation (50% of above) \$ 1,265.00

Amount already paid LESS (\$ )

**TOTAL FILING FEES DUE \$ 1,265.00**

X Assignment recording fee \$ 40.00

— Petition fee \$ 0

**TOTAL FEES DUE \$ 1,305.00**

**IMPORTANT NOTE REGARDING FEE CALCULATION**

THE USPTO HAS CALCULATED THE FILING FEES INCORRECTLY ON THE NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION.

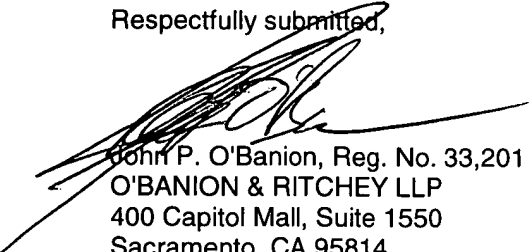
THE USPTO HAS CALCULATED 54 TOTAL CLAIMS OVER 20. HOWEVER THE TOTAL CLAIMS OVER 20 IS ONLY 44. THERE ARE A TOTAL OF 48 CLAIMS, 16 OF WHICH ARE MULTIPLE DEPENDENT CLAIMS WITH ONE ADDITIONAL CLAIM NOTATION EACH. 48 PLUS 16 EQUALS 64, OR 44 EXTRA CLAIMS OVER 20, NOT 54 AS HAS BEEN CALCULATED BY USPTO.

Please charge any additional fees due to deposit account no. 07-1137.

Having now complied with all of the requirements of 37 C.F.R. 1.53, the Applicants respectfully request that this application be placed upon the files for examination.

Dated: March 19, 2002.

Respectfully submitted,



John P. O'Banion, Reg. No. 33,201  
O'BANION & RITCHEY LLP  
400 Capitol Mall, Suite 1550  
Sacramento, CA 95814  
(916) 498-1010

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**

Applicant(s): ALI SHAKOURI ET AL.

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2877

Invention: SUBMISSION OF THERMAL IMAGING METHOD AND ENHANCED RESOLUTION (SUPER-RESOLVED) AC-COUPLED IMAGING FOR THERMAL INSPECTION OF INTEGRATED CIRCUITS

MAR 19 2002

PATENT &amp; TRADEMARK OFFICE

I hereby certify that the following correspondence:

Notice to file missing parts of nonprovisional application (Page 1)

(Identify type of correspondence)

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Jerry V. King

(Typed or Printed Name of Person Mailing Correspondence)



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UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/039,290	01/04/2002	Ali Shakouri	UC01-161-2

CONFIRMATION NO. 8342

## FORMALITIES LETTER



\*OC000000007502937\*

John P. O'Banion  
O'BANION & RITCHEY LLP  
400 Capitol Mall, Suite 1550  
Sacramento, CA 95814

Date Mailed: 02/20/2002

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

## Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 740 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).*
- Total additional claim fee(s) for this application is \$1840.
  - \$972 for 54 total claims over 20.
  - \$588 for 7 independent claims over 3.
  - \$280 for multiple dependent claim surcharge.
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 2710.

04/04/2002 MTEKLENI 00000010 071137 10039290

01 FC:203

90.00 CH

A copy of this notice MUST be returned with the reply.

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

03/22/2002 AM0311 00000038 10039290

01 FC:201  
02 FC:203  
03 FC:202  
04 FC:204  
05 FC:205

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370.00  
396.00  
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140.00  
65.00

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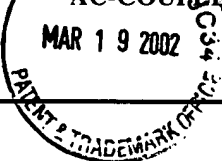
**January 4, 2002**

Examiner

Group Art Unit

**2877**

Invention:

**SUBMICRON THERMAL IMAGING METHOD AND ENHANCED RESOLUTION (SUPER-RESOLVED)  
AC-COUPLED IMAGING FOR THERMAL INSPECTION OF INTEGRATED CIRCUITS****MAR 19 2002**

I hereby certify that the following correspondence:

Assignee Certification (Page 1)

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*(Signature of Person Mailing Correspondence)***EL694788550US***("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**

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Invention: SUBMICRON THERMAL IMAGING METHOD AND ENHANCED RESOLUTION (SUPER-RESOLVED)  
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MAR 19 2002

PATENT &amp; TRADEMARK OFFICE

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Combined Declaration and Power of Attorney (Page 1 thru 5)

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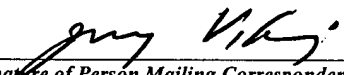
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Group Art Unit  
**2877**Invention: **SUBMITTER ON THERMAL IMAGING METHOD AND ENHANCED RESOLUTION (SUPER-RESOLVED)  
AC-COUPLED IMAGING FOR THERMAL INSPECTION OF INTEGRATED CIRCUITS**

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